



**(43) International Publication Date**  
**1 September 2005 (01.09.2005)**

**PCT**

**(10) International Publication Number**  
**WO 2005/079921 A1**

**(51) International Patent Classification<sup>7</sup>:**

**A62B 1/00**

(74) **Agent: PARK, Jang-Won**; Jewoo Bldg. 5th Floor, 200, Nonhyun-Dong, Gangnam-Gu, Seoul 135-010 (KR).

**(21) International Application Number:**

PCT/KR2005/000477

**(81) Designated States** (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

**(22) International Filing Date:** 22 February 2005 (22.02.2005)

(25) Filing Language: English

(26) **Publication Language:** English

**(30) Priority Data:**

10-2004-0011987

23 February 2004 (23.02.2004) KR

10-2004-0022387      31 March 2004 (31.03.2004)      KR

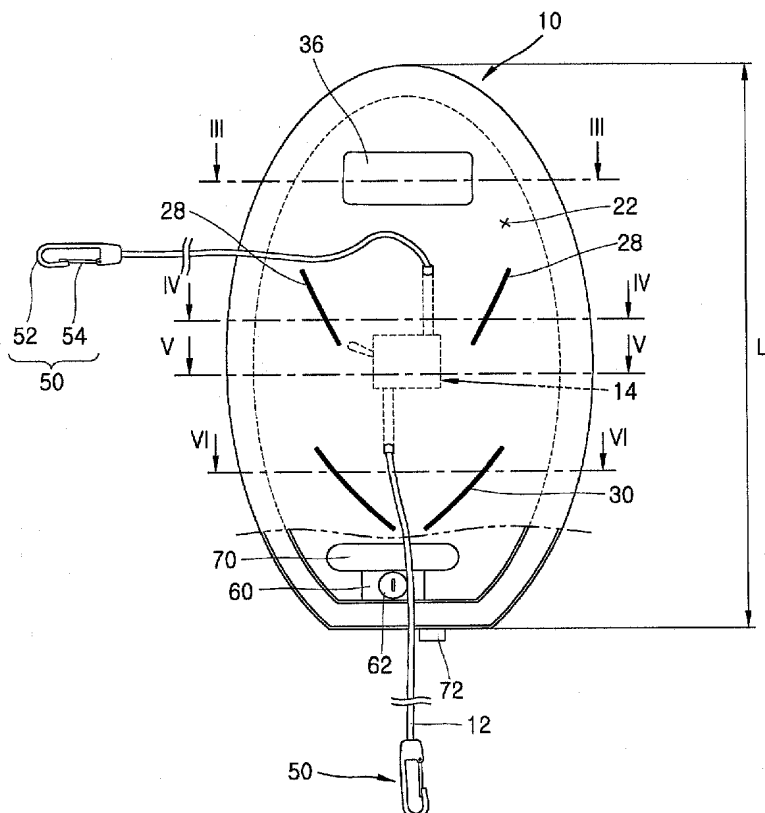
**(84) Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,

[Continued on next page]

**(71) Applicant and**

(72) **Inventor:** RHEE, Dae-Ok [KR/KR]; Hanseong Apt. A-1105, 47, Yoido-Dong, Yongdungpo-Gu, Seoul 150-893 (KR).

**(54) Title:** EMERGENCY RELEASE APPARATUS



**(57) Abstract:** An emergency release apparatus comprises: an air tube having an accommodation space for an evacuee and for protecting the evacuee from an external impact; a rope connected to the air tube, having one end fixed to an evacuation place, and having a length long enough to reach the ground; and a controller mounted in the air tube and connected to the rope, for descending the air tube in which the evacuee is accommodated to the ground at a safe speed. Accordingly, the apparatus protects the evacuee from an external impact, etc. when the evacuee descends to the ground.



SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**Published:**

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*